Clarion®

Owner's manual
Mode d'emploi
Manual de instructions

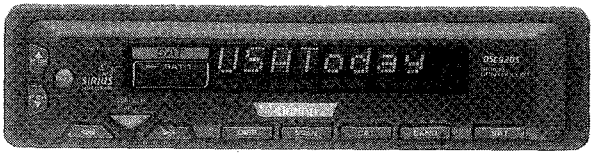
DSC920S

SIRIUS SATELLITE RADIO RECEIVER CONTROLLER

CONTRÔLEUR DE RÉCEPTEUR RADIO SATELLITE SIRIUS

CONTROLADOR DEL SINTONIZADOR SIRIUS DE RECEPCIÓN RADIO VÍA SATÉLITE

SIRIUS
Satellite Radio



English

Thank you for purchasing this **Clarion DSC920S**.

* Please read this owner's manual in its entirety before operating this equipment.
* After reading this manual, be sure to keep it in a handy place (e.g., glove compartment).
* Check the contents of the enclosed warranty card and keep it carefully with this manual.

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1. PRECAUTIONS

1. The DSC920S can easily be damaged by moisture, high temperatures or high humidity. Keep the inside of the car clean and well ventilated.
2. Never subject the DSC920S to strong shocks or open its case. Doing so may result in damage.
3. Use a soft, dry cloth to wipe dirt off the DSC920S. Never use a hard cloth or thinner, alcohol, etc. For tough dirt, apply some cold or lukewarm water to a soft cloth and wipe off the dirt gently.

⚠CAUTION

CHANGES OR MODIFICATIONS NOT EXPRESSLY APPROVED BY THE MANUFACTURER FOR COMPLIANCE COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

INFORMATION FOR USERS:

CHANGES OR MODIFICATIONS TO THIS PRODUCT NOT APPROVED BY THE MANUFACTURER WILL VOID THE WARRANTY.

2. SUMMARY OF THE DSC920S

The DSC920S has been designed to activate the Clarion Sirius Satellite Radio Receiver in the Stand alone mode.

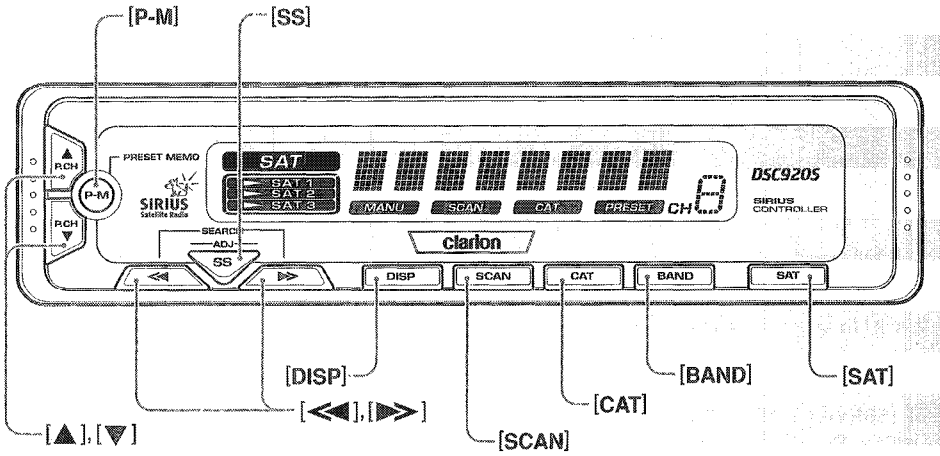
Moreover, even if the unit was connected with the main unit compatible with the CeNET connection (Sirius-ready unit built-in), the SIRIUS Satellite Receiver can be controlled from the DSC920S or the main unit.

■ *To receive Sirius Satellite Radio*

The Sirius Satellite Radio Receiver that is connected with the DSC920S holds a "**SIRIUS ID**" for user identification. All you have to do to obtain a subscriber contract and enable reception of Sirius Satellite Radio is to call the Sirius Service Center (888-539-SIRI) and inform us of your Sirius ID and a few other details.

For your "**SIRIUS ID**", refer to the subsection "**Verifying your SIRIUS ID**" in the section "**OPERATIONS**".

3.CONTROLS



Names of the Buttons and their Functions

[SAT] button
- Used to turn the power on or off.

[BAND] button
- Used to switch the reception band.
- Used to switch the Tuning mode (seek/ manual) when pressed and held for 1 second or longer.

[CAT] button
- Used to turn the Category selection mode on or off.

[SCAN] button
- Used to perform the category scan.
- Used to perform the preset scan when the button is pressed and held for 1 second or longer.

[DISP] button
- Used to switch the Text mode.
- The text display in the operation status indication scrolls when the button is pressed and held for 1 second or longer.

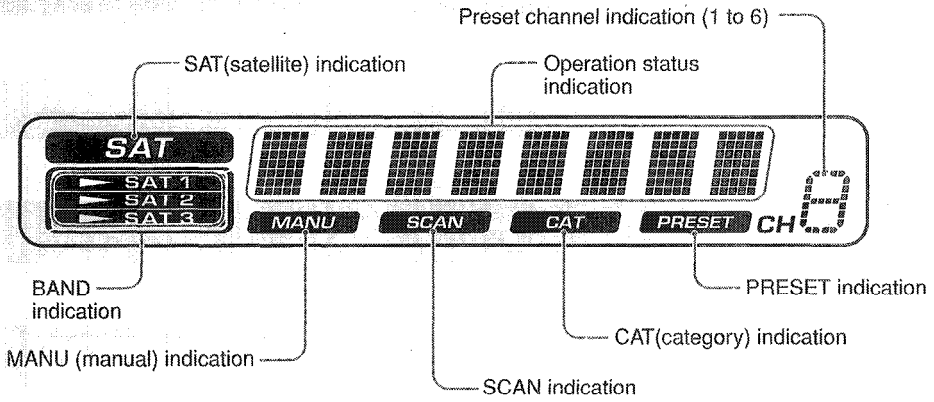
[◀◀], [▶▶] button
- Used to move the channel up or down.
- Used to search up or down the channel in the Category selection mode.
- Used to switch the adjustment item in the Adjust mode.
- Used to move the channel faster when kept pressed.

[▲], [▼] button
- Used to move the preset channel up or down.
- Used to move the category up or down in the Category selection mode.
- Used to switch the item adjustment or the item in the Adjust mode. (Contrast adjustment, SIRIUS ID display switching)

[P-M] button
- Used to enter the Preset memory mode.
- Received channels are stored in the preset channels when the button is pressed and held for 2 seconds or longer.

[SS] button
- Used to switch the screen saver.
  OFF → SS1 → SS2 → OFF.....
- Used to enter the Adjust mode when pressed and held for 1 second or longer. When pressed, the Adjust mode is terminated.

Display Items



SAT (satellite) indication:

- Lights in the SIRIUS mode, goes off in some other mode or when the power is turned off.

Operation status indication:

- Station names, etc. are displayed.
- Display examples

CH 051	: channel No.
P SCAN	: preset scan
CONTRAST	: displayed when the contrast adjustment is selected in the Adjust mode.
ESN>>	: displayed when the SIRIUS ID is confirmed.
CAT SEL	: displayed when the Category selection mode is selected.
LINKING	: displayed when a channel is being tuned in (no signal is yet received).
NOSIGNUP	: displayed when a channel not covered by your contract is selected.
UPDATING	: displayed when the receiver is turned on or after a reset.
INVLD CH	: a channel without a broadcast has been selected.

BAND indication:

- Lights when the band ("**SAT1**", "**SAT2**" or "**SAT3**") is being received in the SAT mode.

MANU (manual) indication:

- Lights when tuning is performed in the Manual mode.

SCAN indication:

- Lights when category scan is performed or when preset scan is performed.

CAT (category) indication:

- Lights when the unit enters the Category selection mode or when category scan is performed.

PRESET indication:

- Lights when the unit enters the Preset memory mode.

4.OPERATIONS

Turning the power on/off

1. Press the [SAT] button to turn the power on/off.

   When the power is turned on, "SAT" is displayed in the Operation status indication and then the display is changed to the channel being received.

Verifying your Sirius ID

1. Press and hold the [SS] button for 1 second or longer to enter the Adjust mode.
2. Press the [◀◀] or [▶▶] to select the "ESN >>".
   * When the unit enters the SIRIUS ID display mode, "ESN>>" is displayed and then the display is changed to the high-order 6 digits of the SIRIUS ID ("012345 ▼") in the Operation status indication.
3. Press the [▼] button to change the low-order 6 digits of the SIRIUS ID ("678901 ▲").
   * To display the high-order 6 digits of the SIRIUS ID again, press the [▲] button.
4. Press the [◀◀] or [▶▶] button to return the previous mode.

Selecting a band

1. Press the [BAND] button to select a band.

   BAND indication ("SAT1", "SAT2" or "SAT3") is light in the display.

Tuning mode

There are two channel selection modes: seek mode and manual mode.

● Manual tuning

Any channel including channels without broadcasts and channels not covered by the contract can be selected during manual tuning.

1. Press and hold the [BAND] (BND) button for 1 second or longer.
   * This changes the seek mode to manual mode and the "MANU" indicator on the display lights. When this operation is performed in manual mode, the seek mode is engaged and the "MANU" indicator on the display goes off.

Notes:

- *The receiver automatically reverts to the seek mode when the [◀◀] or [▶▶] button is not used for 7 seconds in the manual mode.*

2. Press the [◀◀] or [▶▶] button. The receiver moves to channels above or below the current channel one by one.
3. Press and hold the [◀◀] or [▶▶] for 1 second or longer.

   The receiver moves to seek channels below or above the current channel and the channel found when either button is released is received.

● Seek tuning

Only channels that can be received are selected while channels without broadcasts and channels not covered by the contract are automatically skipped.

1. Press the [◀◀] or [▶▶] button.

   The receiver seeks the next available channel below or above the current channel.
2. Press and hold the [◀◀] or [▶▶] button.

   The receiver moves to seek channels below or above the current channel. If the channel found when either button is released is available that channel is received. Otherwise, seeking continues until an available channel is found.

Preset memory

3 bands are available for preset memory and 6 channels for each band, a total of 18 channels can be stored in memory.

The indication concerning the preset memory is displayed both in the BAND indication for the band being received ("SAT1", "SAT2", or "SAT3") and in the Preset channel indication for the preset number.

● Recalling a preset station

1. Press the [▲] or [▼] button to recall a preset station. Each time the button is pressed, preset stations are recalled in a sequential order.
   * When the [P-M] button is pressed and the Preset memory mode is engaged, preset stations cannot be recalled.
   * When the button is pressed, the sound is muted and reception channel data are displayed in the Operation status indication in the following order.

     Channel number (for example "CH 051") → abbreviated 8-digit channel name → returned to the original display mode

● Manual memory

1. Select a channel to be memorized.
2. Press the [**P-M**] button to enter the Preset memory mode.
   * The reception channel number ("**CH 051**") in the Operation status indication blinks and the PRESET indication light.
3. Press the [▲] or [▼] button to select a preset number to be memorized.
   * The selected preset number is displayed in the Preset channel indication.
4. Press and hold the [**P-M**] button for 2 seconds or longer to store the channel being received in memory.
   * If the [**P-M**] button is released within less than 2 seconds, preset memory is cancelled and the Preset memory mode is terminated.

Scan function

There are two scan modes: a category scan mode and a preset scan mode.

During scanning channels are displayed in abbreviated form and the display mode cannot be switched.

● Category scanning

In a category scan, broadcast channels in the same category as the current channel are selected about every 10 seconds.

1. Press the [**SCAN**] button to start a category scan.
2. Press the [**SCAN**] button to cancel a category scan.

Note:

- *Category scanning is not available when no category is defined for the current channel.*

● Preset scan

A preset scan scans the channels (up to 18 channels) stored in the preset memory about every 10 seconds.

1. Press and hold the [**SCAN**] button for 1 second or longer to start a preset scan.
2. Press the [**SCAN**] button to cancel a preset scan.

Receiving stations selected by category

1. Press the [**CAT**] button to enter the category selection mode. CAT indication is light in the display.
2. Press the [▲] or [▼] button to select a category.
3. Press the [◀◀] or [▶▶] button to tune in a station.

Notes:

- *When the category selection mode is entered, the category of the last received channel is displayed first.*
- *The category selection mode is canceled when no channel with the selected category can be found.*
- *Press the [◀◀] or [▶▶] button within 7 seconds after a channel has been set to continue seeking channels up or down. The category selection mode is canceled and normal reception is resumed if no operation is performed for 7 seconds.*

Switching the text display

1. Press the [**DISP**] button. Each time the [**DISP**] button is pressed, the item changes in the following order:

   channel number ➔ channel name (long) ➔ title ➔ artist ➔ category ➔ R-TEXT
   * When the [**DISP**] button is pressed while the Screen saver mode is engaged, the displayed text cannot be switched. If this happens, release the Screen saver mode and scroll the displayed text again.
   * If the reception channel is changed, the display changes in the order of channel number ➔ channel name (short) and then the original display mode is resumed.
   * When there is no text information, the indication "----------" will appear on the display.

About the scrolling of the displayed text

Scrolling is performed once when the title being selected is changed or when the [**DISP**] button is pressed and held for 1 second or longer.

* Scrolling is not performed when a channel number, abbreviated channel name or category is displayed.

Switching the screen saver

1. Press the [SS] button to switch the screen saver. Each time the button is pressed, the screen saver is switched in the order of **OFF → SS1 → SS2 → OFF**.
   * If the screen saver is turned on and the button operation is performed, the screen saver mode is released.

     After information corresponding to the button operation is displayed for 30 seconds, the screen saver displayed is returned.

     When "**OFF**" is selected, the display is not lit. (only with backlight)
   * If some other mode than SIRIUS mode is selected with the system wire bound using CeNET, the set screen saver works.

Adjusting the display contrast

You can adjust the display contrast to match the angle of installation of the unit.

* The factory default setting is "**4**". (Adjustment level : 1 to 7)

1. Press and hold the [SS] button for 1 second or longer to enter the Adjust mode.
2. Press the [▲] or [▼] to adjust the contrast.
3. Press the [SS] button to return to the previous mode.

English

5.INSTALLATION

Before Installation

1. This set is exclusively for use in cars with a negative ground, 12 V power supply.
2. Read these instructions carefully.
3. Be sure to disconnect the battery "–" terminal before starting. This is to prevent short circuits during installation. (Figure 1)

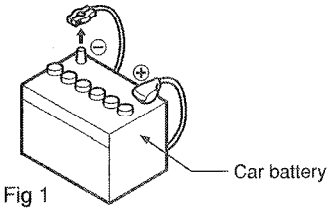


Fig 1

Accessories

① Owner's manual 1
② Warranty card 1
③ Power suply cord 1
④ Connection cord 1
⑤ Parts bag .....
- Cord holder 2
- Velcro tape (large A) 2
- Velcro tape (small B) 2

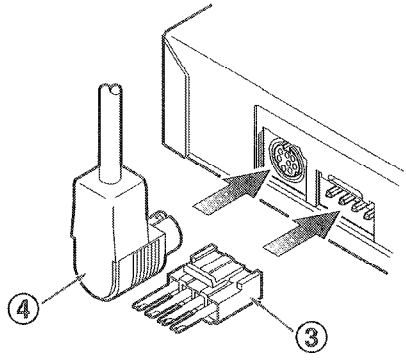
Power supply cord connection

Connect the connection cable securely.

Connect the L-shaped side of the connection cable to the terminal of the Sirius Satellite Radio (DSH920S).

Note:

For other connections, refer to the Owner's manual provided with the Sirius Satellite Radio (DSH920S).



Installation of the Control unit

Installing location

Place the Control unit on the passenger's seat or stick the Velcro tape (large A) to the center console.

* Before sticking the Velcro tape, clean the sticking surface.
* Choose a location where the driving of a car is not hindered and the reception of the signals from the remote control unit is ensured as well (Figure 2).

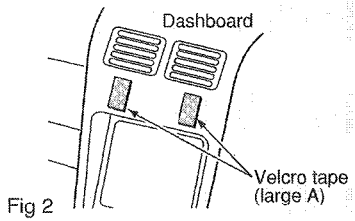


Fig 2

How to install the Control unit

When installing the Control unit, use the Velcro tape (small B) to secure it (Figure 3).

* Before sticking the Velcro tape, clean the sticking surface.
* To secure the cord, use the cord holder by sticking it to the center console, etc. (Figure 4).

Notes:

Do not leave the Control unit at a location (dashboard, etc.) where the temperature goes high. Otherwise, the unit may be deformed or damaged.

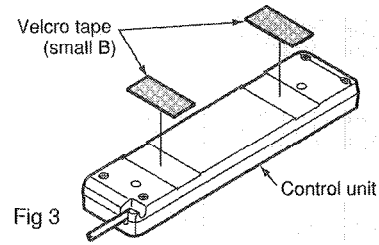
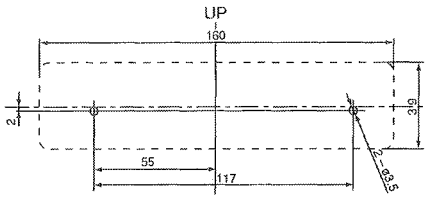


Fig 3



How to install the Control unit (in case of using screws)

* Screws are not enclosed with unit.
* Be sure to check the screw length. (M3 x 6mm MAX)

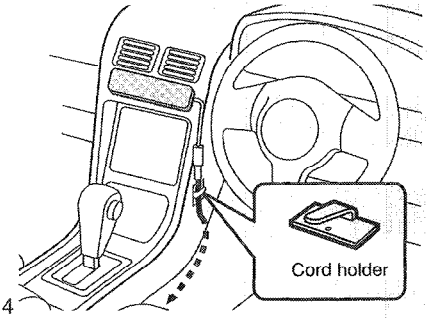


Fig 4

Clarion
CAR AUDIO & BEYOND

Product Registration

for USA and Canada only

IMPORTANT:

1. Detach this section of the card and keep it with your records.
2. Retain your sales receipt to validate warranty service.
3. If you purchased a Clarion ADX Series, Pro Video or Pro Audio product, be sure to complete the box on the last page of this form.

Information on Clarion authorized Warranty Centers
may be obtained by writing Clarion Corporation at the address below
or by calling
1-800-GO-CLARION.

In USA:
Clarion Sales Corporation
Warranty Service Center
661 West Redondo Beach Blvd.
Gardena, CA 90247
(310) 327-9100

In Canada
Clarion Canada, Inc.
Warranty Service Center
2239 Winston Park Drive
Oakville, Ontario L6H 5R1
(905)829-4600

www.clarionmultimedia.com

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PLEASE PLACE
FIRST-CLASS STAMP
HERE
(Post Office will not deliver
without proper postage.)

CLARION SALES CORPORATION
PO BOX 863
BREA CA 92822-0863

Clarion WARRANTY INFORMATION

TEAR THIS PAGE OFF AND KEEP IT WITH YOUR RECEIPT!

Model Number | Serial Number | $ Price Paid (before tax)

Retailer/Dealer Name

Retailer/Dealer Phone w/Area Code | Date Installed: Month Day Year

This product is warranted against all defects in material workmanship for a period of one year from the date of original purchase. The conditions of this warranty and the extent of the responsibility of Clarion Corporation under this warranty are as follows:

1. **PROOF OF DATE OF PURCHASE WILL BE REQUIRED FOR WARRANTY SERVICE OF THIS PRODUCT. INFORMATION ABOUT CLARION AUTHORIZED WARRANTY SERVICE CENTERS MAY ALSO BE OBTAINED BY CONTACTING OR WRITING CLARION CORPORATION AT THE ADDRESS LISTED ON THE FRONT OF THIS CARD.**
2. This warranty will become void if service performed by anyone other than an approved Clarion Warranty Service Center results in damage to product.
3. This warranty does not apply to any product which has been subject to misuse, neglect or accident, or which has had the serial number altered, defaced or removed, or which has been connected, installed, adjusted or repaired, other than in accordance with the instructions furnished by Clarion Corporation.
4. This warranty does not cover car static or other electrical interferences, tape head cleaning or adjustments, or labor costs for the removal or reinstallation of the unit for repair.
5. The sole responsibility of Clarion Corporation under this Warranty shall be limited to the repair or replacement thereof, at the sole discretion of Clarion Corporation.
6. If it becomes necessary to send the product or any defective part to Clarion Corporation or an authorized warranty service station, the product must be shipped in its original carton or equivalent carton, fully insured, with shipping charges prepaid. Clarion Corporation will not assume any responsibility for any loss or damage incurred in shipping.
7. ALL IMPLIED WARRANTIES EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW SHALL HAVE NO GREATER DURATION THAN THE WARRANTY PERIOD SET FORTH ABOVE. UNDER NO CIRCUMSTANCES SHALL CLARION CORPORATION BE LIABLE FOR ANY LOSS OR DAMAGE, DIRECT OR CONSEQUENTIAL, ARISING OUT OF THE USE OR INABILITY TO USE THE PRODUCT. BECAUSE SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS OR EXCLUSIONS OR LIMITATIONS OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, THE ABOVE LIMITATIONS OR EXCLUSIONS MAY NOT APPLY TO YOU.
8. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE.
9. Should you have any difficulties with the performance of this product during warranty, or with any Clarion authorized service centers, you may contact the Clarion National Service Managers at the address listed on the front of this card or call 1-800-GO-CLARION for a listing of Authorized Warranty Service Centers in your area.

281-0607-00

Tear at perforation and keep this page with your receipt.

Clarion FM200 User Guide and Product Data Sheet

The Clarion FM200 is a two-channel stereo FM modulator with selectable FM frequencies, variable gain, and a remote on/off switch. It allows the addition of auxiliary audio sources to any FM radio (even those lacking auxiliary inputs). It can be used with DVD players, videocassette players, MP3 players, and more.

To use the FM200:

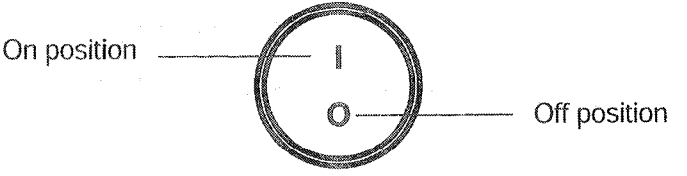
1) Turn the On/Off switch to the On position (This is the position with the "I" icon).

2) Turn on the radio and select the FM band. Tune in either 88.7 or 89.1 (your installer can advise you which frequency setting is being used in your installation). Once you determine the correct frequency, it is a good idea to store the frequency using one of your radio's preset keys.

3) Turn on the auxiliary audio source (VCR, DVD, MP3 player, etc.) and begin playback. The sound from the source unit should now be audible over your speakers.

4) To return to standard radio use, turn the On/Off switch to the Off position (this is the position with the "O" icon).

On/Off Switch



Specifications:

Operating Voltage:	14.4V DC Nom.
(Operating Range 10.8 to 15.6V DC)	
Max. Current Consumption:	200mA
Operating Frequencies:	88.7, 89.1 FM
Fuse rating (in Fuse/Filter box):	2A AGC

Parts List:

(1) FM Modulator Main Unit with integrated harness.
(1) On/Off Switch with integrated harness.

2001 Clarion Corporation of America

Clarion FM200 Installation Instructions

Installation

1. Find a suitable location for the On / Off switch
   Be sure that it is within easy reach of the driver and can be operated safely from the seated position.

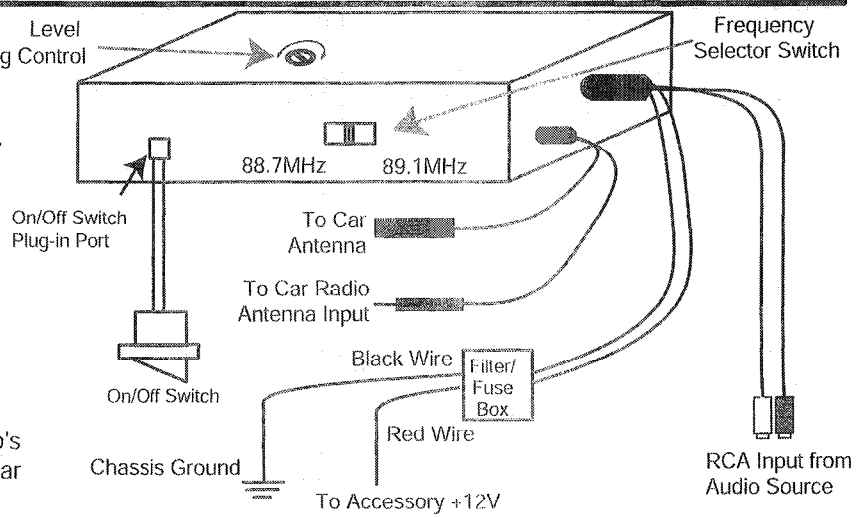
   NOTE: The On/Off switch requires a flat surface at least 3/4" in diameter for mounting, with 1" rear clearance. The switch is provided with 36" of wire - take this into account when selecting a location, or you will have to extend the switch wires.

2. Connect the RCA inputs to the audio source.
3. Connect the male antenna connector to the car radio's FM antenna input, and the female connector to the car antenna.

   NOTE: Some vehicles may require antenna adapters (sold separately).

4. Connect the Black wire to chassis ground.
5. Connect the Red wire to accessory +12V.

   *NOTE: Connecting to accessory +12V will ensure that the FM modulator turns off when the ignition is turned off. Connecting this wire to +12V Constant may cause battery drain issues, and is **not** recommended.*



Set-up and Testing

1. Set the Frequency Select switch to either 88.7 or 89.1. If a local radio station uses the first frequency selected, use the other frequency.
2. Switch the On / Off switch to On (the "I" position).
3. Turn on the car radio and tune to the frequency selected in Step 1.
4. Turn on the audio source connected to the FM Modulator. This audio source should now be heard over the vehicle speakers.
5. Set the level matching control so that the volume level over the speakers is the same as when listening to radio stations. If loud passages sound distorted, lower the Level Matching Control setting.

10-FM200-00 (Rev. A)
2001 Clarion Corporation of America

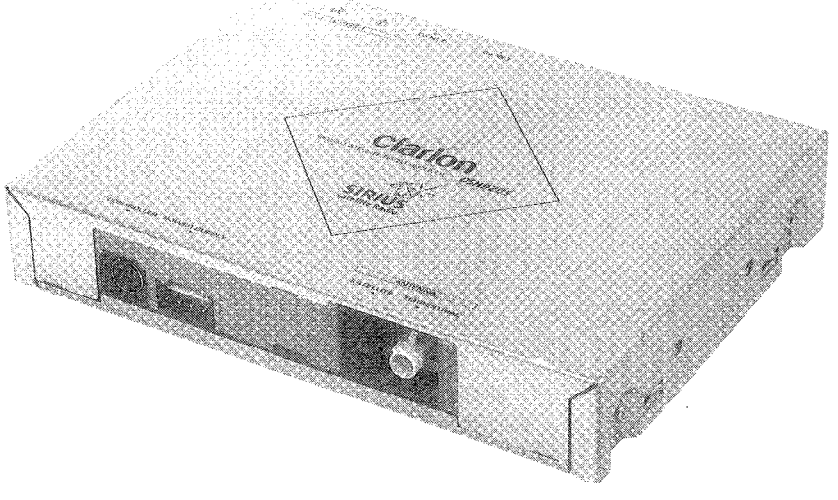
clarion

Owner's manual
Mode d'emploi
Manual de instructions

DSH920S

SIRIUS SATELLITE RADIO RECEIVER
RÉCEPTEUR RADIO SATELLITE SIRIUS
SINTONIZADOR SIRIUS DE RECEPCIÓN RADIO VÍA SATÉLITE

SIRIUS Satellite Radio



English

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4. SIRIUS OPERATION 7
5. INSTALLATION AND WIRE CONNECTION 10
6. SYSTEM EXAMPLES 13
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1. FEATURES

- **CeNET Connection**
- **RCA Output**
- **Switching between Slave, Stand-alone Provided**
- **Connection of DSC920S (Exclusive Commander) Supporting the other Manufacturer's Center Units**
- **Antenna Terminals for Satellite and Terrestrial Waves (SMB)**
- **3 Bands Having 6 Channels each, a Total of 18 Channels for Memorization Enabled**

2. PRECAUTIONS

1. The first time or when starting after turning off the backup power supply, the receiver does not operate normally until reception. The sound is not heard until 20 or 30 seconds after reception.
2. Text data regarding the names of received channels is written to the receiver 30 to 60 seconds after start of normal operation. If the power is turned off before the text data is written, it may not be correctly displayed next time. Perform a reset operation if no text data is displayed.
3. If the receiver freezes, reset it.

   ◉ Resetting

   Disconnect the SIRIUS Receiver power cable (the CeNET cable if connected to the CeNET and the 4-pin power cable during standalone operation), wait about 10 seconds and connect it again.
   The last channel, preset memory and other data stored in the receiver are deleted returning it to its default settings.
4. A CeNET and standalone operation switch is provided on the rear of the receiver. The switch is set to CeNET position at the time of shipment.
   Do not set this switch to the standalone position when using the CeNET.
5. The tuner inside the receiver becomes warm during operation; this is only normal and not a cause for concern.
6. Do not touch the connector pins on the receiver as this may damage the ICs inside the unit.
7. No station is selected when the [◀◀] or [▶▶] button is moved quickly. This is because button operations are not accepted until the channel is confirmed. It takes between 1.5 to 5 seconds to change channels.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to consult the dealer or an experienced radio/TV technician for help.

⚠CAUTION

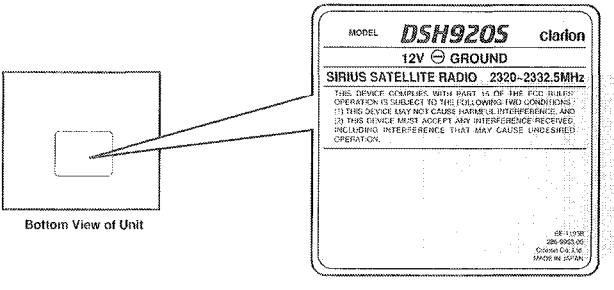
USE OF CONTROLS, ADJUSTMENTS, OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN, MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.

THE COMPACT DISC PLAYER and MINI DISC PLAYER SHOULD NOT BE ADJUSTED OR REPAIRED BY ANYONE EXCEPT PROPERLY QUALIFIED SERVICE PERSONNEL.

CHANGES OR MODIFICATIONS NOT EXPRESSLY APPROVED BY THE MANUFACTURER FOR COMPLIANCE COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

INFORMATION FOR USERS:

CHANGES OR MODIFICATIONS TO THIS PRODUCT NOT APPROVED BY THE MANUFACTURER WILL VOID THE WARRANTY AND WILL VIOLATE FCC APPROVAL.


MODEL DSH920S clarion
12V ⊖ GROUND
SIRIUS SATELLITE RADIO 2320~2332.5MHz
THIS DEVICE COMPLIES WITH PART 15 OF THE FCC RULES. OPERATION IS SUBJECT TO THE FOLLOWING TWO CONDITIONS: (1) THIS DEVICE MAY NOT CAUSE HARMFUL INTERFERENCE, AND (2) THIS DEVICE MUST ACCEPT ANY INTERFERENCE RECEIVED, INCLUDING INTERFERENCE THAT MAY CAUSE UNDESIRED OPERATION.
MADE IN JAPAN
Bottom View of Unit

English

What is Sirius Satellite Radio?

SIRIUS Satellite Radio

Sirius is radio the way it was meant to be: Up to 100 new channels of digital quality programming delivered to listeners coast to coast via satellite. That means 50 channels of completely commercial-free music. Plus up to 50 more channels of news, sports, and entertainment from names like CNBC, Discovery, SCI-FI Channel, A&E, House of Blues, E!, NPR, Speedvision and ESPN.

Sirius is live, dynamic entertainment, completely focused on listeners. Every minute of every day of every week will be different. All 50 commercial-free music channels are created in-house and hosted by DJs who know and love the music. Do you like Reggae? How about Classic Rock or New Rock? Sirius has an array of choices spanning a vast range of musical tastes including the hits of the 50's, 60's, 70's, & 80's as well as Jazz, Country, Blues, Pop, Rap, R&B, Bluegrass, Alternative, Classical, Heavy Metal, Dance and many others...

From its state-of-the-art, digital broadcasting facility in Rockefeller Center, New York City, Sirius will deliver the broadest, deepest mix of radio entertainment from coast to coast.

Sirius will bring you music and entertainment programming that is simply not available on traditional radio in any market across the country. It's radio like you've never heard before.

So Get Sirius and Listen Up! For more information, visit siriusradio.com.

To receive Sirius Satellite Radio on this receiver

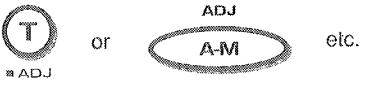
This receiver contains a SIRIUS ID for user identification. All you have to do to obtain a subscriber contract and enable reception of Sirius Satellite Radio is to call the Sirius Service Center (888-539-SIRI) and inform us of your SIRIUS ID and a few other details.

Verifying your Sirius ID

1. Press and hold the [**ADJ**] button for 1 second or longer to enter the Adjust mode.

Note:

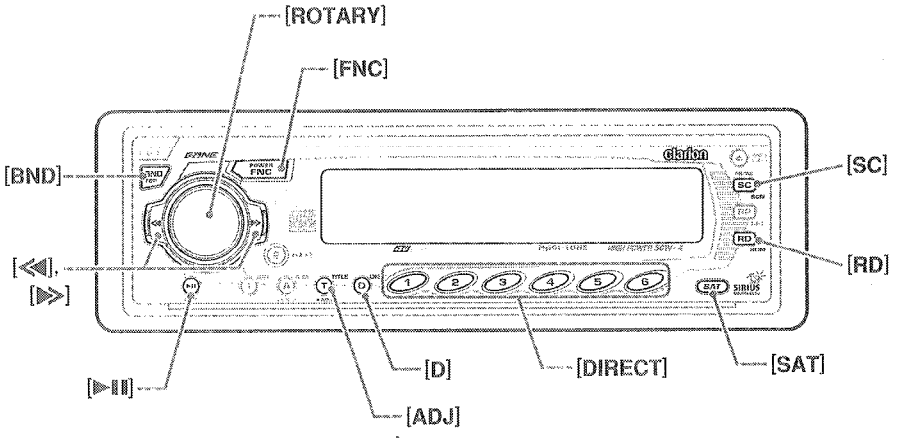
*The [**ADJ**] button is described in the source unit instruction manual either as the [T] (TITLE) button or [**A-M**] button. This refers to the function of the button labeled "**ADJ**" on the source unit panel.*



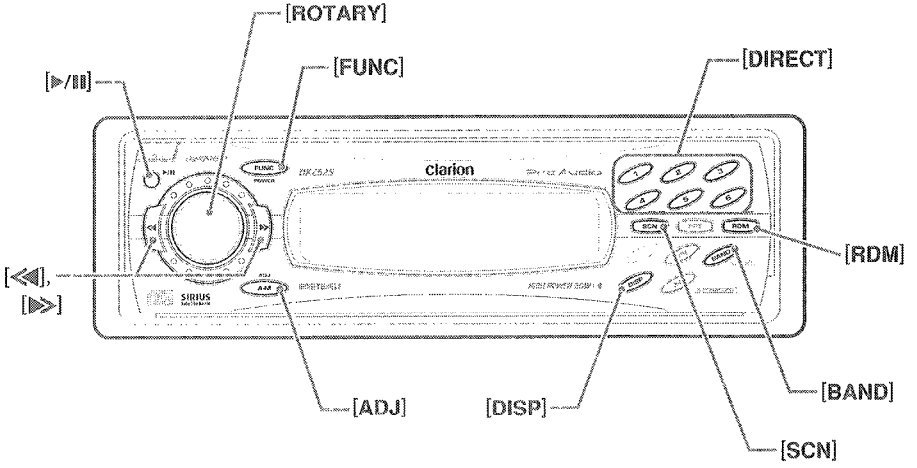
2. Press the [◀◀] or [▶▶] to select the "**ESN DISP**".
3. Press the [▶II] button to display the SIRIUS ID.
   The source unit displays the high-order 6 digits of the SIRIUS ID in the Operation status indication.
4. Turn the [**ROTARY**] knob clockwise to change the low-order 6 digits of the SIRIUS ID.
   To display the high-order 6 digits of the SIRIUS ID again, turn [**ROTARY**] knob counterclockwise.

3. CONTROLS

Source unit buttons, example 1



Source unit buttons, example 2

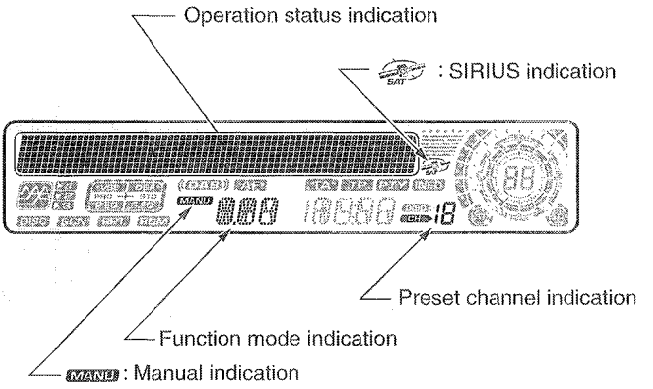


Notes:

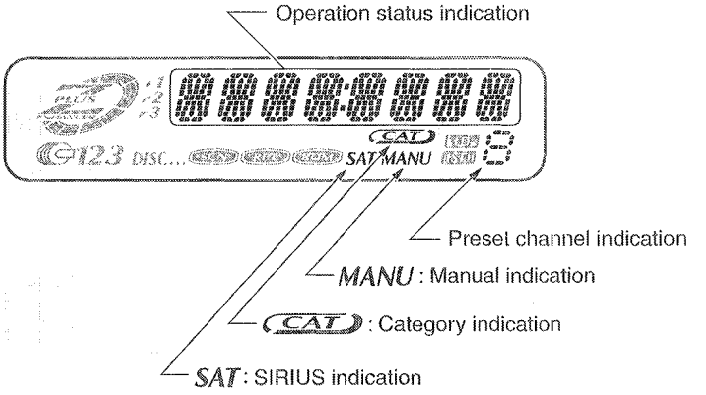
- *The above illustrations show two source units as an example of the button names used.*
- *Since this manual covers several models, the names of some buttons vary with the model. As shown below, this manual gives the different button names when more than name is used.*
  [FNC] (FUNC) button,
  [SC] (SCN) button etc.

Display Items

Source unit display, example 1



Source unit display, example 2



4. SIRIUS OPERATION

English

Selecting Sirius Radio modes

Press the [SAT] button or the [FNC] (FUNC) button to select the Sirius mode.
The Sirius indication lights entering the mode that was engaged when the unit was turned off last time.

Notes:

- *The [SAT] button selects the Sirius mode directly. Some source unit does not have a [SAT] button. If not, press the [FNC] (FUNC) button.*
- *The [FNC] (FUNC) button selects the external devices connected to the source unit in order, for example: Radio mode ⇒ DAB mode ⇒ Sirius mode ⇒ CD mode ⇒ CD changer mode ⇒ ...*

Selecting a band

Press the [BND] button to select a band.
Each press of the button changes the display as shown below.

SR1 ⇒ SR2 ⇒ SR3 ⇒ SR1 ...

* The currently received band is displayed in the function mode indication.
* Models without a function mode indication display the band name and channel number in the Operation status indication.

● Information displayed during reception

The following information is displayed in the Operation status indication when Sirius Radio cannot be received normally.

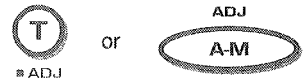
- **UPDATING** : when the receiver is turned on the first time or after a reset
- **ACQUIRING** : when a channel is being tuned in (no signal is yet received) ("**LINKING**" is shown on an 8-digit display)
- **INVALID CH** : a channel without a broadcast has been selected ("**INVLD CH**" is shown on an 8-digit display)
- **NO SIGN-UP** : a channel not covered by your contract
- **ANTENNA** : no antenna is connected or the antenna is defective)

Switching the display

1. Press the [DISP] (D) button to select the desired display.
   The main display or the clock display appears each time you press the [DISP] (D) button.
2. In the main display, press and hold the [DISP] (D) button for 1 second or longer to cycle between the following display modes: Channel name ⇒ title ⇒ artist name ⇒ category name ⇒ text ⇒ channel name ⇒ ...

Notes:

- *The Operation status indication of the source unit displays the abbreviated channel name for 2 seconds when a station is selected before returning to the previous display mode.*
- *Scrolling starts when the channel name or other text has been displayed for 2 seconds. When scrolling finishes, the first text display appears. To start scrolling again, press the [ADJ] button.*
- *The [ADJ] button is described in the source unit instruction manual either as the [T] (TITLE) button or [A-M] button. This refers to the function of the button labeled "ADJ" on the source unit panel.*



Channel selection

Channels are selected with the following buttons.

- The [◀◀] or [▶▶] button
- A [DIRECT] button
- The [SCN] (SC) button
- The [CAT] (RDM) button

* For details, see the following operation descriptions.

Notes:

* *The audio output is muted and other button operations are not accepted during channel selection.*

Tuning mode (T-MODE)

There are two channel selection modes: seek mode and manual mode.

● Seek tuning

Only channels that can be received are selected while channels without broadcasts and channels not covered by the contract are automatically skipped.

1. Press the [◀◀] or [▶▶] button.
   The receiver seeks the next available channel below or above the current channel.
2. Press and hold the [◀◀] or [▶▶] button.

The receiver moves to seek channels below or above the current channel. If the channel found when either button is released is available that channel is received. Otherwise, seeking continues until an available channel is found.

● **Manual tuning**

Any channel including channels without broadcasts and channels not covered by the contract can be selected during manual tuning.

1. Press and hold the [**BAND**] (BND) button for 1 second or longer.
   * This changes the seek mode to manual mode and the "**MANU**" indicator on the display lights. When this operation is performed in manual mode, the seek mode is engaged and the "**MANU**" indicator on the display goes off.

Notes:

- *The receiver automatically reverts to the seek mode when the [◀◀] or [▶▶] button is not used for 7 seconds in the manual mode.*

2. Press the [◀◀] or [▶▶] button. The receiver moves to channels above or below the current channel one by one.
3. Press and hold the [◀◀] or [▶▶] for 1 second or longer.
   The receiver moves to seek channels below or above the current channel and the channel found when either button is released is received.

Recalling a preset station

A total of 18 SIRIUS stations can be stored (6-SR1, 6-SR2 and 6-SR2). This allows you to select your favorite SIRIUS stations and store them in memory for later recall.

1. Press the [**BND**] button and select the desired SIRIUS band (SR1, SR2 or SR3).
2. To recall a stored SIRIUS station, press the desired [**DIRECT**] button to select that station.
   * Press and hold one of the [**DIRECT**] buttons for 2 seconds or longer to store the current station into preset memory.

Manual memory

1. Select the desired station with seek tuning, manual tuning or preset tuning.
2. Press and hold one of [**DIRECT**] buttons for 2 seconds or longer to store the current station into preset memory.

Notes:

- *When the name of a channel stored in memory is changed by a broadcasting station, the display may show a channel name that differs from the stored name.*
- *A channel stored in memory may be discontinued at the option of the broadcasting station.*

Category selection function

SIRIUS Radio allows you to select broadcast channel category (contents).

Receiving stations selected by category

1. Press the [**RDM**] (RD) button to enter the category selection mode.
2. Turn the [**ROTARY**] knob clockwise or counterclockwise to select a category.
   Or, press a [**DIRECT**] button if the category is preset.
3. Press [◀◀] or [▶▶] button to tune in a station. This starts seek tuning and broadcast channels that meet the specified category are selected. The "**CA**" indicator is displayed in the function mode indication during seek tuning. The CAT indicator lights on models without a function mode indication.
4. Press the [**RDM**] (RD) button again to cancel.

Notes:

- *When the category selection mode is entered, the category of the last received channel is displayed first.*
- *The category selection mode is canceled when no channel with the selected category can be found.*
- *Press the [◀◀] or [▶▶] button within 7 seconds after a channel has been set to continue seeking channels up or down. The category selection mode is canceled and normal reception is resumed if no operation is performed for 7 seconds.*

Presetting a category

A category can be preset by registering specific categories in [**DIRECT**] buttons 1 to 6. Then the desired category can be recalled by pressing the corresponding [**DIRECT**] button.

1. Press the [**RDM**] (RD) button to enter the category mode.
2. Turn the [**ROTARY**] knob clockwise or counterclockwise to select a category.
3. Press and hold one [**DIRECT**] button for 2 seconds or longer to store the current category in the preset memory.

Notes:

- *When the name of a channel stored in memory is changed by a broadcasting station, the display may show a channel name that differs from the stored name.*
- *A channel stored in memory may be discontinued at the option of the broadcasting station.*

Scan function

There are two scan modes: a category scan mode and a preset scan mode.

During scanning channels are displayed in abbreviated form and the display mode cannot be switched.

● Category scanning

In a category scan, broadcast channels in the same category as the current channel are selected about every 10 seconds.

1. Press the [**SCN**] (SC) button to start a category scan.
2. Press the [**SCN**] (SC) button, a [**DIRECT**] button, the [◀◀] or [▶▶] button to cancel a category scan.

Note:

- *Category scanning is not available when no category is defined for the current channel.*

● Preset scan

A preset scan scans the channels (up to 18 channels) stored in the preset memory about every 10 seconds.

1. Press and hold the [**SCN**] (SC) button for 1 second or longer to start a preset scan.
2. Press the [**SCN**] (SC) button, a [**DIRECT**] button, the [◀◀] or [▶▶] button to cancel a preset scan.

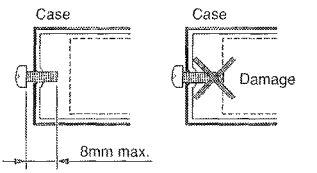
English

5. INSTALLATION AND WIRE CONNECTION

Before Installation

1. Before starting, be sure to disconnect the battery's negative "–" terminal to prevent accidents due to short-circuits.
2. Location

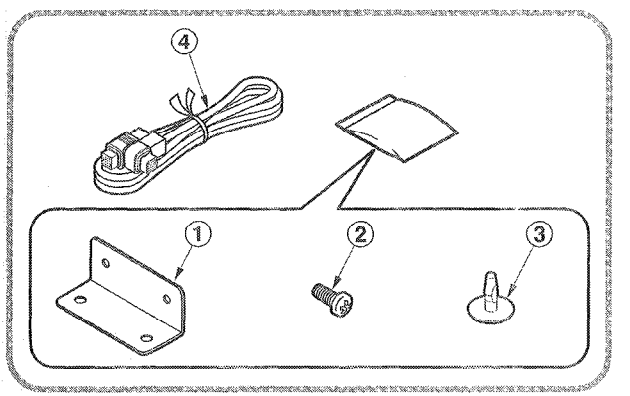
   Consider safety and operability when selecting a place for installation. Avoid the following.
   - Locations where the unit will hamper driving.
   - Locations where the unit could injure passengers if the car stops suddenly.
   - Locations exposed to direct sunlight or hot air from the heater, etc.
   - Locations where the unit may be exposed to rain or water.
3. Be sure to use the included screws and brackets. Screws other than those supplied could damage the unit.



4. When drilling holes in the dashboard, etc., be sure to check beforehand that there are no harnesses or other wires inside.

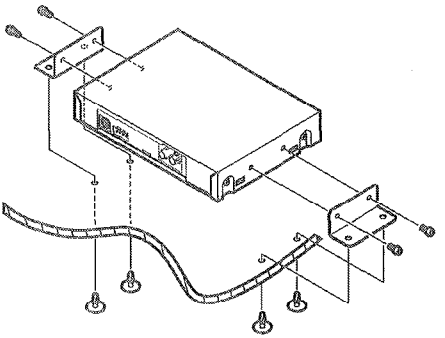
Accessories

① Mounting bracket ..... 2 pieces
② Mounting screw ..... 4 pieces
③ Canoe clip ..... 4 pieces
④ CeNET cable ..... 1 piece



Installation Example (Installing the unit under the driver's seat)

1. Attach the mounting brackets ① to the sides of the DSH920S using the screws ② provided.
2. Select the location on the floor mat. Drill holes in the floor mat to match the positions of the holes in the mounting brackets ①.
3. Insert the canoe clips ③ from the rear of the floor mat and install the DSH920S.
   * There are three mounting holes on each side of the DSH920S. Select the appropriate holes to match to the installation location.



Connection Example and Identification of Parts

1 CeNET input/output terminal

Connect to the main unit or CD/MD changer using the CeNET cable ④.

* Equipment to this terminal is not specified.

2 RCA pin terminal

This terminal is not used for this unit. Use it when the DSC920S (sold separately) is connected.

3 SATELLITE antenna terminal

Connect to the SIRIUS antenna (SATELLITE) cable, (sold separately).

4 TERRESTRIAL antenna terminal

Connect to the SIRIUS antenna (TERRESTRIAL) cable, (sold separately).

5 CONTROLLER terminal

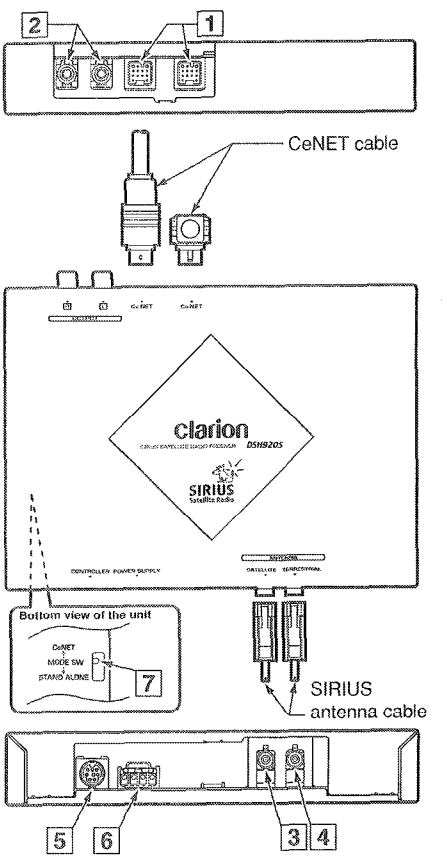
This terminal is not used for this unit. Use it when the DSC920S (sold separately) is connected.

6 POWER SUPPLY terminal

This terminal is not used for this unit. Use it when the DSC920S (sold separately) is connected.

7 CeNET/STANDALONE switch

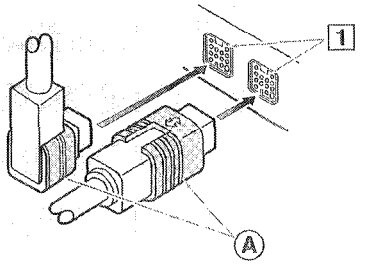
This switch is used to select the setting position when the CeNET connection is made or the DSC920S (sold separately) is connected to this unit (STAND ALONE).



How to Make Wirings

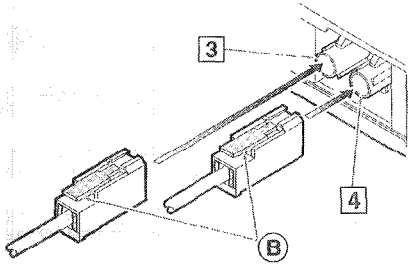
1. CeNET Cable

Orient the CeNET cable in the direction shown in the figure and insert it until it is locked in position. To remove the CeNET cable, pull it by lightly grasping the slide cap Ⓐ in your fingers.



2. SIRIUS antenna

Connect a SIRIUS antenna (sold separately) to the SIRIUS antenna terminal.



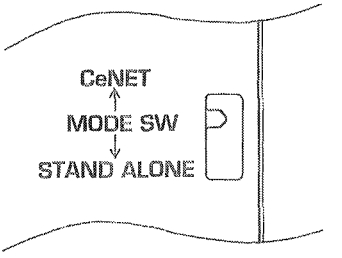
When removing, extract while keep pressing the portion Ⓑ.

Note:

- *Be sure to turn the main unit power off when the SIRIUS antenna cable is connected.*
- *Do not give a strong shock to the antenna connector.*

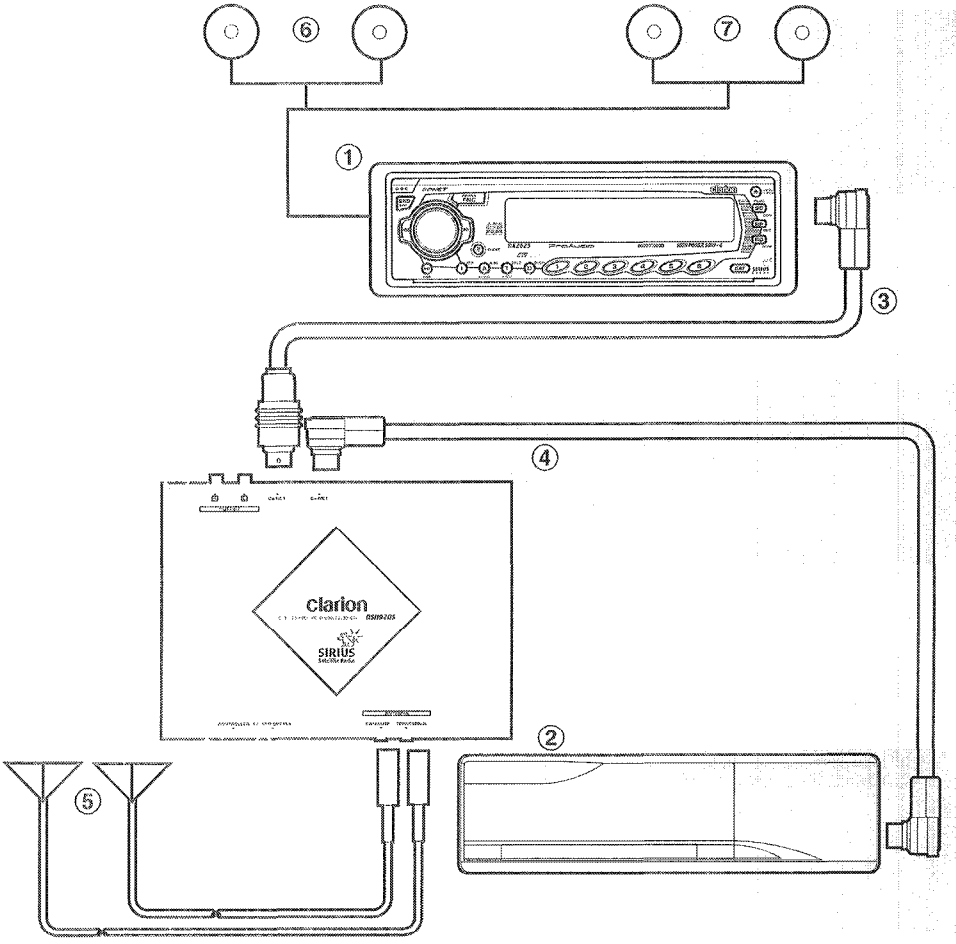
3. CeNET/STAND ALONE switch

Be sure to check to see if the select switch located on the back side of the main unit is set to the "CeNET" position.
Also, set it to the "STAND ALONE" position when the SIRIUS controller (DSC920S), sold separately, is used.



6. SYSTEM EXAMPLES

Example 1



① Main unit compatible with CeNET connection

② CD changer compatible with CeNET connection

③ CeNET cable (provided with the DSH920S)
Using this cable, connect the DSH920S to the main unit.

④ CeNET cable (provided with the CD changer)
Using this cable, connect the DSH920S to the CD changer.

⑤ SIRIUS antenna (sold separately)

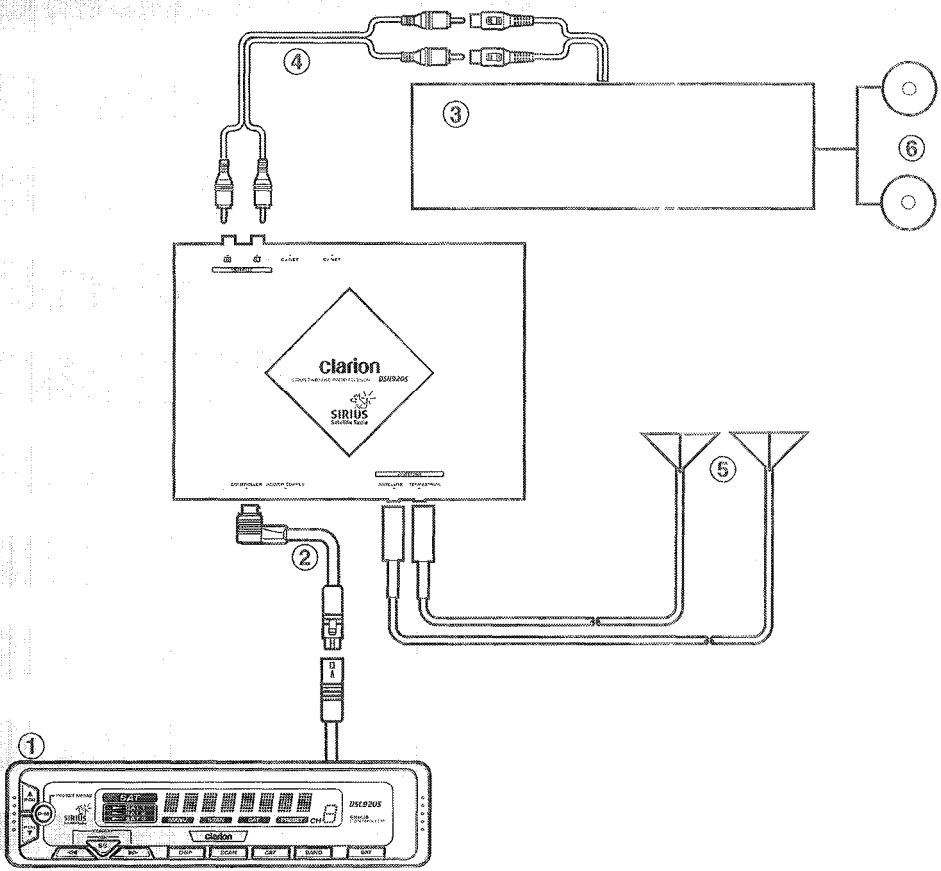
⑥ Front speakers

⑦ Rear speakers

Note:

- *The longest wiring length of the CeNET cable is less than 20m. When you connect the CeNET cable, be careful not to exceeed the wiring length of 20m.*

Example 2



① SIRIUS controller (DSC920S, sold separately)
② Connection cable (provided with the DSH920S)
③ Audio systems other than those compatible with the CeNET connection
Connect the SIRIUS satellite radio output to the external input terminal.
④ RCA pin (audio) cable (sold separately)
⑤ SIRIUS antenna (sold separately)
⑥ Front speakers

7. SPECIFICATIONS

Digital radio section

Receiving frequencies:

Satellite : 2322.293/2330.207 MHz

Terrestrial : 2326.250 MHz

Audio

Signal to noise ratio : 95 dB

Distortion : 0.01 % (1kHz)

General

Power supply voltage:

14.4 V DC (10.8 to 15.6 V allowable), negative ground

Power consumption:

Less than 1 A (with antenna)

Antenna current limit ; 0.2 A

Weight : 0.55 kg

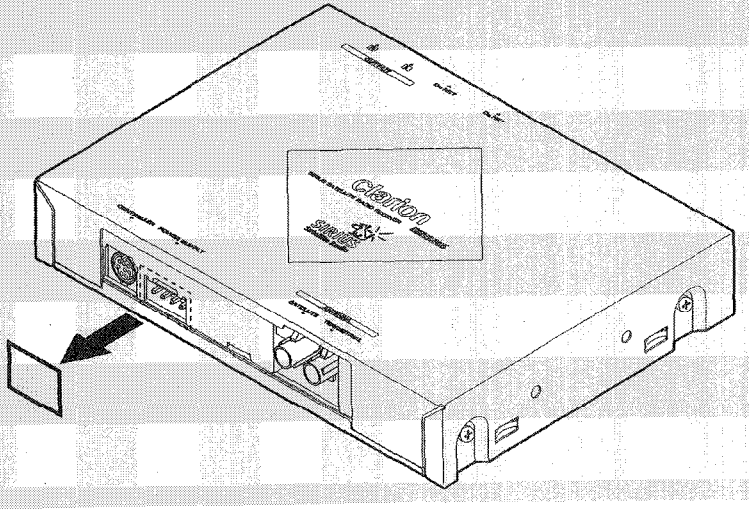
Dimensions : 178 (W) × 30 (H) × 130 (D) mm

Note:

- *Specifications and design are subject to change without notice for further improvement.*

CAUTION

When you use this receiver with connecting by the DSC920S, remove an insulation film as shown in the figure.
Don't remove this film when you use this receiver with connecting by the Ce-Net cable.



clarion
CAR AUDIO & BEYOND

Product Registration

for USA and Canada only

IMPORTANT:

1. Detach this section of the card and keep it with your records.
2. Retain your sales receipt to validate warranty service.
3. If you purchased a Clarion ADX Series, Pro Video or Pro Audio product, be sure to complete the box on the last page of this form.

Information on Clarion authorized Warranty Centers
may be obtained by writing Clarion Corporation at the address below
or by calling

1-800-GO-CLARION.

In USA:
Clarion Sales Corporation
Warranty Service Center
661 West Redondo Beach Blvd.
Gardena, CA 90247
(310) 327-9100

In Canada
Clarion Canada, Inc.
Warranty Service Center
2239 Winston Park Drive
Oakville, Ontario L6H 5R1
(905)829-4600

www.clarionmultimedia.com

Clarion WARRANTY INFORMATION

TEAR THIS PAGE OFF AND KEEP IT WITH YOUR RECEIPT!

Model Number | Serial Number | $ Price Paid (before tax)

Retailer/Dealer Name

Retailer/Dealer Phone w/Area Code | Date Installed: Month Day Year

This product is warranted against all defects in material workmanship for a period of one year from the date of original purchase. The conditions of this warranty and the extent of the responsibility of Clarion Corporation under this warranty are as follows:

1. **PROOF OF DATE OF PURCHASE WILL BE REQUIRED FOR WARRANTY SERVICE OF THIS PRODUCT. INFORMATION ABOUT CLARION AUTHORIZED WARRANTY SERVICE CENTERS MAY ALSO BE OBTAINED BY CONTACTING OR WRITING CLARION CORPORATION AT THE ADDRESS LISTED ON THE FRONT OF THIS CARD.**
2. This warranty will become void if service performed by anyone other than an approved Clarion Warranty Service Center results in damage to product.
3. This warranty does not apply to any product which has been subject to misuse, neglect or accident, or which has had the serial number altered, defaced or removed, or which has been connected, installed, adjusted or repaired, other than in accordance with the instructions furnished by Clarion Corporation.
4. This warranty does not cover car static or other electrical interferences, tape head cleaning or adjustments, or labor costs for the removal or reinstallation of the unit for repair.
5. The sole responsibility of Clarion Corporation under this Warranty shall be limited to the repair or replacement thereof, at the sole discretion of Clarion Corporation.
6. If it becomes necessary to send the product or any defective part to Clarion Corporation or an authorized warranty service station, the product must be shipped in its original carton or equivalent carton, fully insured, with shipping charges prepaid. Clarion Corporation will not assume any responsibility for any loss or damage incurred in shipping.
7. ALL IMPLIED WARRANTIES EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW SHALL HAVE NO GREATER DURATION THAN THE WARRANTY PERIOD SET FORTH ABOVE. UNDER NO CIRCUMSTANCES SHALL CLARION CORPORATION BE LIABLE FOR ANY LOSS OR DAMAGE, DIRECT OR CONSEQUENTIAL, ARISING OUT OF THE USE OR INABILITY TO USE THE PRODUCT. BECAUSE SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS OR EXCLUSIONS OR LIMITATIONS OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, THE ABOVE LIMITATIONS OR EXCLUSIONS MAY NOT APPLY TO YOU.
8. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE.
9. Should you have any difficulties with the performance of this product during warranty, or with any Clarion authorized service centers, you may contact the Clarion National Service Managers at the address listed on the front of this card or call 1-800-GO-CLARION for a listing of Authorized Warranty Service Centers in your area.